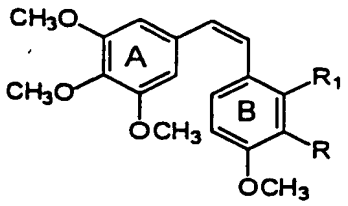
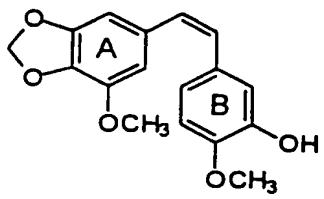
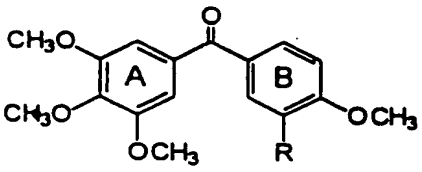


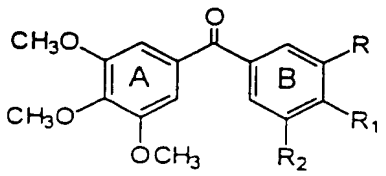
1a, R = OH, R_1 = OH
Combretastatin A-1
1b, R = OH, R_1 = H
Combretastatin A-4
1c, R = $OSi(CH_3)_2C(CH_3)_3$, R_1 = H
1d, R = OPO_3Na_2, R_1 = H
Combretastatin A-4 prodrug
1e, R = R_1 = H



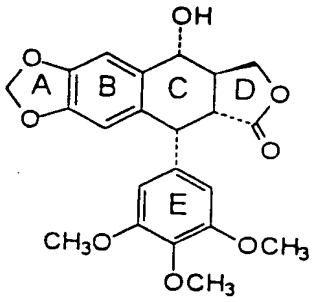
2, Combretastatin A-2



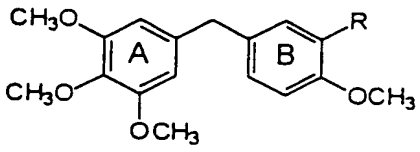
3a, R = $OSi(CH_3)_2C(CH_3)_3$
3b, R = OH, Phenstatin
3c, R = $OPO_3(C_6H_5CH_2)_2$
3d, R = OPO_3Na_2
Phenstatin prodrug
3e, R = $OCOCH_3$



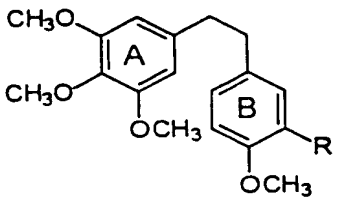
4a, R = H, R_1,R_2 = OCH_2O
4b, R = R_2 = CH_3, R_1 = H
4c, R = H, R_1 = R_2 = OCH_3
4d, R = R_2 = OCH_3, R_1 = H
4e, R = R_2 = Cl, R_1 = H
4f, R = R_2 = F, R_1 = H



5



7a, R = OH



8a, R = OH
8b, R = H

Figure 1

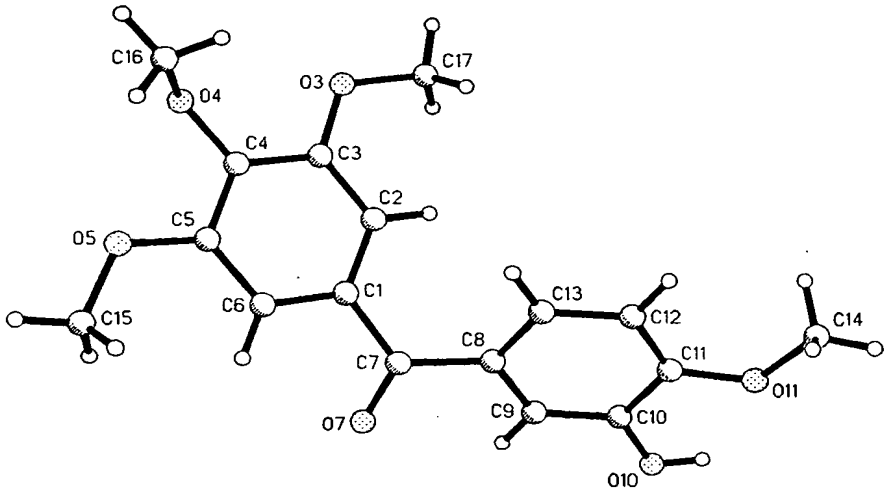
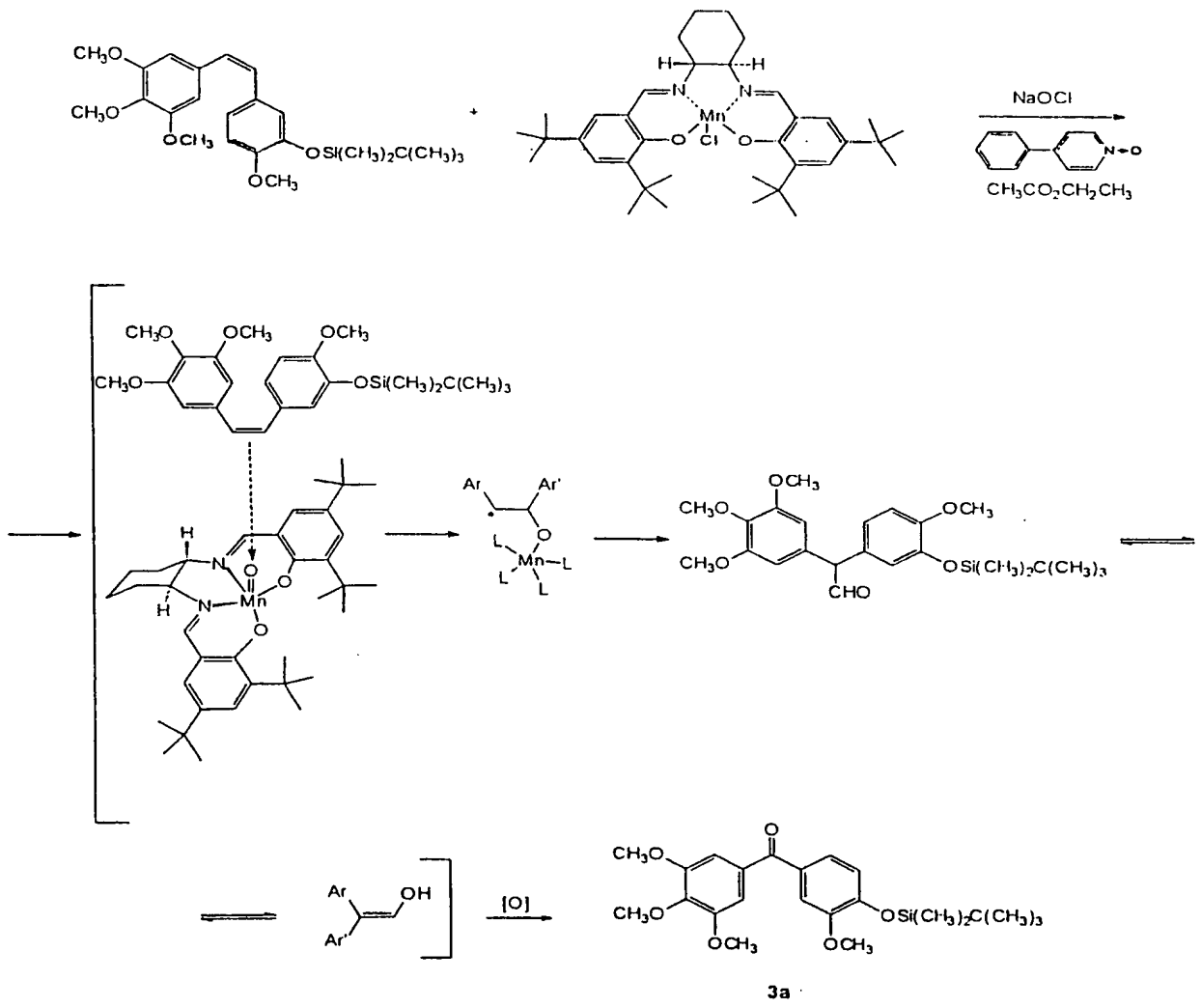
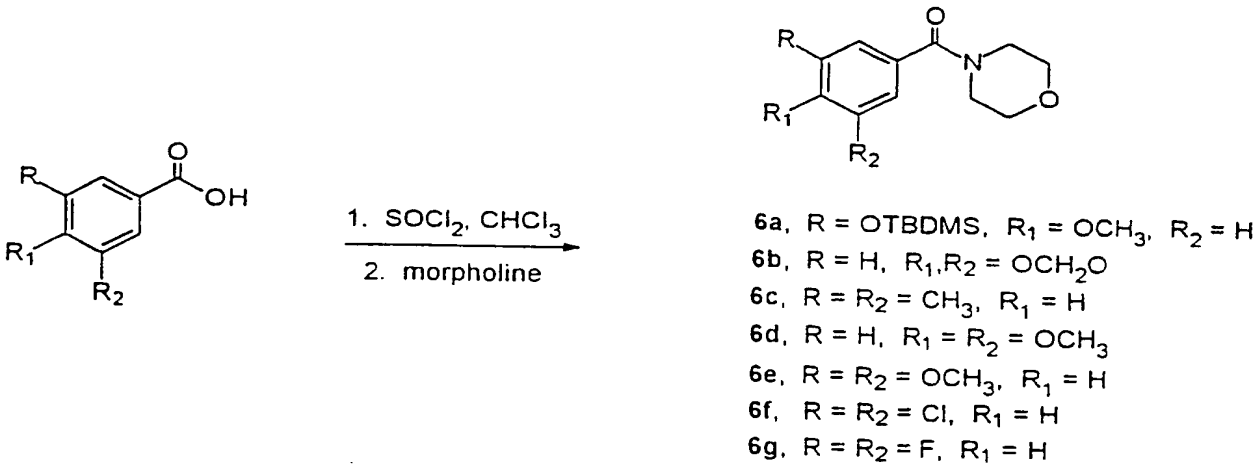

C16
O4
O3
C17
C4
C3
C2
C5
O5
C1
C6
C15
C13
C12
C14
C8
C11
C7
O11
O7
C9
C10
O10

Figure 2.



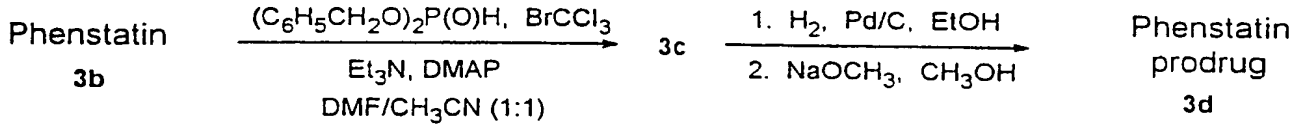
Scheme 1. Oxidation of Combretastatin A-4 silyl ether (**1c**) to phenstatin silyl ether (**3a**).

Figure 3.



Scheme 2

Figure 4.



Scheme 3

Figure 5.